

WHAT IS CLAIMED IS:

1. A method of forming an individually patterned layer in a plurality of regions of a substrate, comprising the steps  
5 of:

disposing between said substrate and a layer material source a mask including an opening corresponding to one or more of the plurality of regions where said layer is formed; and

causing relative movement between said mask and said  
10 layer material source, and said substrate, and causing a material scattered from said layer material source to attach to said substrate through said opening, thereby forming said individually patterned layer.

15 2. A method according to claim 1, wherein  
said layer material source is a linearly extending source elongated in a direction perpendicular to a direction of the relative movement between said mask and said layer material source, and said substrate.

20 3. A method according to claim 2, wherein  
said linearly extending source is formed by a plurality of layer material sources arranged adjacent to each other.

25 4. A method according to claim 1, wherein  
said layer is an electroluminescent layer formed between first and second electrodes, and  
said layer material is an electroluminescent material.

5. A method according to claim 4, wherein  
said electroluminescent material is an organic material  
scattered from said layer material source by evaporation and  
5 attached to said substrate, thereby forming said  
electroluminescent layer.

6. A method according to claim 1, wherein  
a semiconductor material is used for said mask.

10 7. A method of forming an individually patterned layer  
in a plurality of regions of a substrate, comprising the steps  
of:

15 disposing between said substrate and a layer material  
source a mask having a smaller area than said substrate and  
including an opening corresponding to one or more of the  
plurality of regions where said layer is formed; and  
20 causing relative movement between said mask and said  
layer material source, and said substrate, and causing a  
material scattered from said layer material source to attach  
to said substrate through said opening, thereby forming said  
individually patterned layer.

25 8. A method according to claim 7, wherein  
said layer material source is a linearly extending source  
elongated in a direction perpendicular to a direction of the  
relative movement between said mask and said layer material  
source, and said substrate.

9. A method according to claim 8, wherein  
said linearly extending source is formed by a plurality  
of layer material sources arranged adjacent to each other.

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10. A method according to claim 7, wherein  
a semiconductor material is used for said mask.

11. A manufacturing method of a color emissive device  
10 including, on a substrate, a self-emissive element having a  
first electrode, an emissive material layer for each color, and  
a second electrode, for each of a plurality of pixels, said  
method comprising the steps of:

15 disposing between said substrate and an emissive material  
source a mask including an opening at a position corresponding  
to a region for forming the emissive material layer of one or  
more of said plurality of pixels of said substrate; and

20 sliding a relative position between said mask and said  
emissive material source, and said substrate by a predetermined  
pitch corresponding to a size of the pixel of said substrate,  
and causing an emissive material to attach to a predetermined  
region of said substrate through said mask, thereby forming the  
emissive material layer.

25 12. A manufacturing method of a color emissive device  
according to claim 11, wherein

26 said substrate is slid in two directions of said substrate  
perpendicular to each other by a pitch corresponding to an

arrangement of said pixels for a same color.

13. A manufacturing method of a color emissive device according to claim 11, wherein

5        said substrate is slid in one direction of said substrate by a pitch corresponding to an arrangement of said pixels for a same color.

14. A manufacturing method of a color emissive device according to claim 11, wherein

10        said emissive material source is a linearly extending source elongated in a direction perpendicular to a direction of the relative movement between said mask and said emissive material source, and said substrate.

15        15. A manufacturing method of a color emissive device according to claim 14, wherein

      said linearly extending source is formed by a plurality of emissive material sources arranged adjacent to each other.

20        16. A manufacturing method of a color emissive device according to claim 11, wherein

      said self-emissive element is an electroluminescent element.

25        17. A manufacturing method of a color emissive device according to claim 11, wherein

      said emissive device is a display device for displaying

an image with a plurality of pixels.

18. A manufacturing method of a color emissive device according to claim 11, wherein

5 a semiconductor material is used for said mask.

19. A manufacturing method of a color emissive device including, on a substrate, a self-emissive element having a first electrode, an emissive material layer for each color, and  
10 a second electrode, for each of a plurality of pixels, said method comprising the steps of:

disposing between said substrate and an emissive material source a mask including an opening at a position corresponding to a region for forming the emissive material layer of one or more of said plurality of pixels of said substrate, and having a smaller area than said substrate to cover one or more of said plurality of pixels on said substrate; and

sliding a relative position between said mask and said emissive material source, and said substrate by a predetermined  
20 pitch corresponding to a size of the pixel of said substrate, and causing an emissive material to attach to a predetermined region of said substrate through said mask, thereby forming the emissive material layer.

25 20. A manufacturing method of a color emissive device according to claim 19, wherein

said substrate is slid in two directions of said substrate perpendicular to each other by a pitch corresponding to an

arrangement of said pixels for a same color.

21. A manufacturing method of a color emissive device according to claim 19, wherein

5        said substrate is slid in one direction of said substrate by a pitch corresponding to an arrangement of said pixels for a same color.

10        22. A manufacturing method of a color emissive device according to claim 19, wherein

15        said emissive material source is a linearly extending source elongated in a direction perpendicular to a direction of the relative movement between said mask and said emissive material source, and said substrate.

20        23. A manufacturing method of a color emissive device according to claim 22, wherein

15        said linearly extending source is formed by a plurality of emissive material sources arranged adjacent to each other.

20        24. A manufacturing method of a color emissive device according to claim 19, wherein

15        a semiconductor material is used for said mask.

25        25. A manufacturing method of a display device including, on a substrate, a self-emissive element having a first electrode, an emissive material layer for each color, and a second electrode, for each of a plurality of pixels, said method

comprising the steps of:

disposing between said substrate and an emissive material source a mask including an individual opening for each pixel corresponding to a region for forming the emissive material 5 layer individually patterned for each of said plurality of pixels; and

sliding a relative position between said emissive material source and said substrate and causing an emissive material to attach to a predetermined region of said substrate 10 through the opening of said mask, thereby forming the emissive material layer.

26. A manufacturing method of a display device according to claim 25, wherein

15 said emissive material source is a linearly extending source elongated in one direction.